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Chesapeake Bay Segmentation Scheme

(U.S.) Environmental Protection Agency, Annapolis, MD

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Maps and listings describing the latitude/longitude coordinates for the segmentation scheme used to design Chesapeake Bay monitoring programs and as the spatial scheme for management and interpretation of monitoring data. The segmentation scheme also has been entered into the Bay Program's Geographic Information System.

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Chesapeake Bay Program

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The Chesapeake Bay Segmentation Scheme

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THE CHESAPEAKE BAY SEGMENTATION SCHEME

The Chesapeake Bay Segmentation Scheme was developed and adopted by the Chesapeake Bay Program Agencies in 1983. It was first published in the September 1983 Chesapeake Bay: A Profile of Environmental Changes Appendices. Since then it has been used to design environmental monitoring programs and as the spatial scheme for management and interpretation of monitoring data. Recently, the Chesapeake Bay Segmentation Scheme has been entered into the Chesapeake Bay Program's Geographic Information System to ensure its accessibility by all Program agencies.

The following maps and listings describe the latitude/longitude coordinates for the Chesapeake Bay Segmentation Scheme. The maps divide the Bay into three sections—Upper, Middle, and Lower—and include a letter at each point where a segment line crosses or divides an area. The segments and points where each boundary of the segment intersects with the Bay's shoreline are listed in order by Mainstem, Western Shore Tributaries, and Eastern Shore Tributaries, with the latitude/longitude coordinates for each point.

Electronic copies of the latitude/longitude coordinates and/or ARC/INFO GIS files are available upon request. Requests for further information should be directed to:

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Chesapeake Bay Liaison Office
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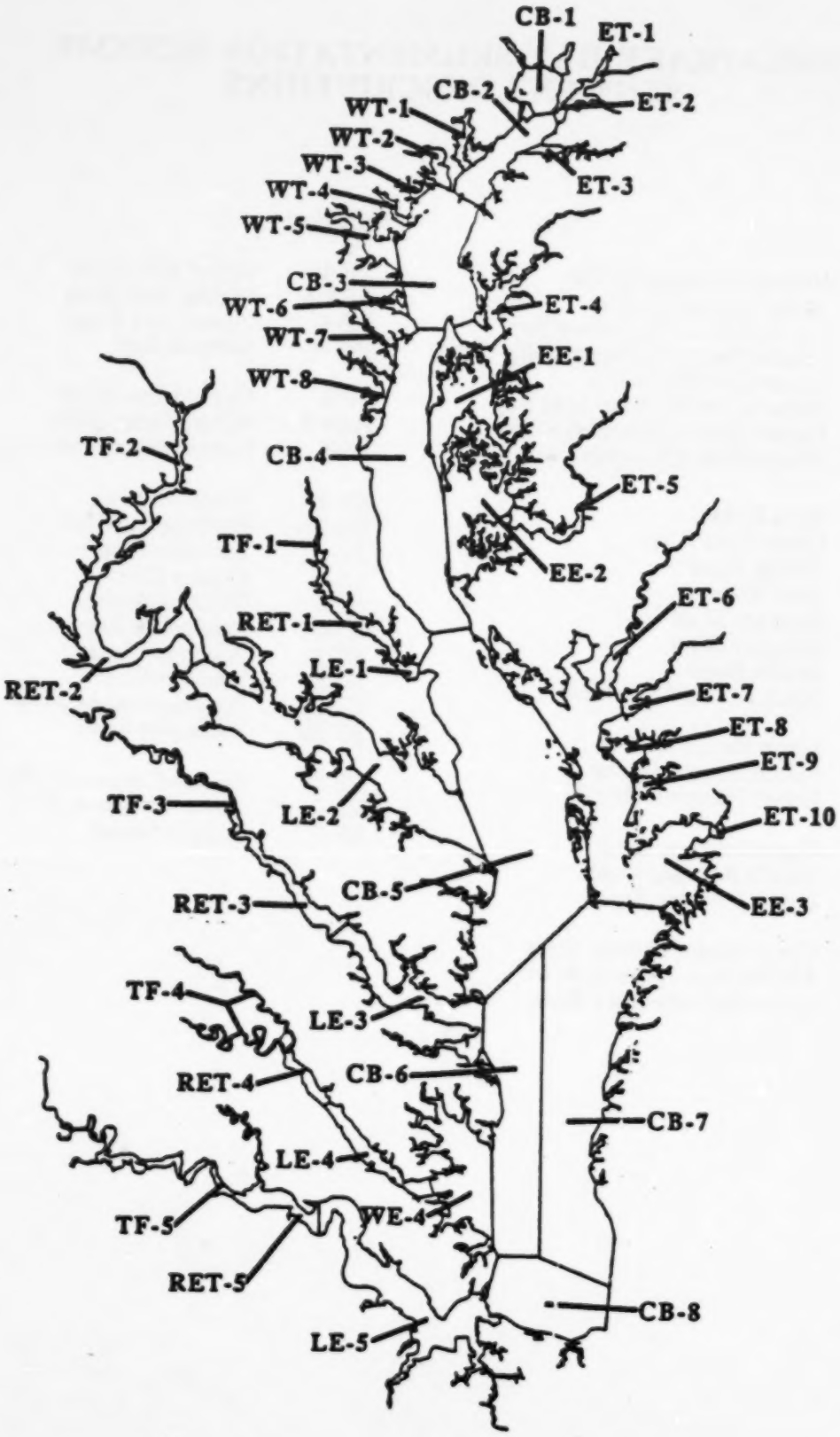
CHESAPEAKE BAY SEGMENTATION SCHEME



CHESAPEAKE BAY SEGMENTATION SCHEME
SEGMENT DESCRIPTIONS

Segment	
CB-1	Northern Chesapeake Bay
CB-2	Upper Chesapeake Bay
CB-3	Upper Central Chesapeake Bay
CB-4	Middle Central Chesapeake Bay
CB-5	Lower Chesapeake Bay
CB-6	Western Lower Chesapeake Bay
CB-7	Eastern Lower Chesapeake Bay
CB-8	Mouth of the Chesapeake Bay
WT-1	Bush River
WT-2	Gunpowder River
WT-3	Middle River
WT-4	Back River
WT-5	Patapsco River
WT-6	Magothy River
WT-7	Severn River
WT-8	South/Rhode/West rivers
TF-1	Upper Patuxent River
RET-1	Middle Patuxent River
LE-1	Lower Patuxent River
TF-2	Upper Potomac River
RET-2	Middle Potomac River
LE-2	Lower Potomac River
TF-3	Upper Rappahannock River
RET-3	Middle Rappahannock River
LE-3	Lower Rappahannock River

Segment	
TF-4	Upper York River
RET-4	Middle York River
LE-4	Lower York River
WE-4	Mobjack Bay
TF-5	Upper James River
RET-5	Middle James River
LE-5	Lower James River
ET-1	Northeast River
ET-2	Elk/Bohemia River
ET-3	Sassafras River
ET-4	Chester River
ET-5	Choptank River
ET-6	Nanticoke River
ET-7	Wicomico River
ET-8	Manokin River
ET-9	Big Annemessex River
ET-10	Pocomoke River
EE-1	Eastern Chesapeake Bay
EE-2	Lower Choptank River
EE-3	Tangier Sound

CHESAPEAKE BAY SEGMENTATION SCHEME LATITUDE/LONGITUDE COORDINATES
(MAINSTEM)

SEGMENT	SEGMENT POINT	LATITUDE	LONGITUDE
CB1	A	39 26 55.47	76 03 38.82
CB1	B	39 32 44.57	76 05 04.58
CB1	C	39 33 00.76	76 04 22.16
CB1	D	39 32 27.40	76 00 13.68
CB1	E	39 31 49.01	75 58 52.27
CB1	F	39 27 07.61	76 00 45.62
CB2	A	39 17 53.91	76 16 59.05
CB2	B	39 20 20.88	76 15 26.56
CB2	C	39 21 05.21	76 14 00.57
CB2	D	39 26 55.47	76 03 38.82
CB2	E	39 27 07.61	76 00 45.62
CB2	F	39 26 57.20	76 00 29.77
CB2	G	39 25 46.18	75 59 54.29
CB2	H	39 23 19.98	76 02 33.56
CB2	I	39 22 21.04	76 06 06.54
CB2	J	39 15 52.56	76 13 04.25
CB2	K	39 17 04.11	76 15 43.30
CB2	L	39 17 13.64	76 16 06.23
CB3	A	39 00 53.49	76 23 44.95
CB3	B	39 02 20.98	76 24 51.20
CB3	C	39 04 26.61	76 25 21.75
CB3	D	39 07 54.41	76 26 06.99
CB3	E	39 11 41.04	76 26 39.56
CB3	F	39 13 52.65	76 24 29.81
CB3	G	39 14 51.30	76 24 35.68
CB3	H	39 17 10.85	76 23 00.42
CB3	I	39 18 29.12	76 20 39.35
CB3	J	39 18 54.75	76 19 44.86
CB3	K	39 18 14.33	76 17 51.06
CB3	L	39 17 53.91	76 16 59.05
CB3	M	39 17 13.64	76 16 06.23
CB3	N	39 17 04.11	76 15 43.30
CB3	O	39 15 52.56	76 13 04.25
CB3	P	39 01 44.87	76 14 33.47
CB3	Q	39 00 58.21	76 17 51.16
CB3	R	39 00 42.99	76 19 21.60
CB4	A	38 23 04.92	76 22 55.70
CB4	B	38 51 00.43	76 29 30.60
CB4	C	38 54 27.67	76 28 02.20
CB4	D	38 56 45.91	76 27 22.48
CB4	E	38 58 30.12	76 27 10.06
CB4	F	39 00 53.49	76 23 44.95
CB4	G	39 00 42.99	76 19 21.60
CB4	H	38 50 14.70	76 22 21.84

CHESAPEAKE BAY SEGMENTATION SCHEME LATITUDE/LONGITUDE COORDINATES
(MAINSTEM - CONTINUED)

SEGMENT	SEGMENT POINT	LATITUDE	LONGITUDE
CB4	I	38 45 12.21	76 22 26.42
CB4	J	38 45 01.27	76 22 03.89
CB4	K	38 41 37.86	76 20 46.36
CB4	L	38 40 18.51	76 20 28.06
CB4	M	38 31 42.13	76 20 02.91
CB4	N	38 31 04.40	76 20 01.38
CB4	O	38 29 14.85	76 19 56.57
CB4	P	38 23 36.45	76 17 01.93
CB5	A	37 37 09.86	76 16 46.79
CB5	B	37 54 37.18	76 15 52.93
CB5	C	38 02 16.81	76 19 19.09
CB5	D	38 18 16.86	76 25 15.17
CB5	E	38 19 09.10	76 25 17.18
CB5	F	38 23 04.92	76 22 55.70
CB5	G	38 23 36.45	76 17 01.93
CB5	H	38 13 58.84	76 07 42.51
CB5	I	38 07 09.53	76 02 24.16
CB5	J	38 05 00.97	76 01 47.64
CB5	K	38 02 19.21	76 01 19.31
CB5	L	37 56 44.03	76 00 02.02
CB5	M	37 51 07.01	75 59 45.66
CB5	N	37 48 59.32	75 59 53.37
CB6	A	37 05 17.30	76 16 16.44
CB6	B	37 06 24.07	76 17 01.52
CB6	C	37 18 31.75	76 16 33.09
CB6	D	37 30 56.34	76 17 34.66
CB6	E	37 36 49.64	76 17 03.98
CB6	F	37 37 09.86	76 16 46.79
CB6	G	37 43 45.32	76 07 26.28
CB6	H	37 05 01.24	76 09 55.97
CB7	A	37 05 01.24	76 09 55.97
CB7	B	37 43 45.32	76 07 26.28
CB7	C	37 48 59.32	75 59 53.37
CB7	D	37 48 59.82	75 59 33.30
CB7	E	37 47 40.37	75 48 52.07
CB7	F	37 01 02.19	75 59 17.28
CB8	A	36 59 32.05	76 17 47.14
CB8	B	37 00 00.46	76 18 39.57
CB8	C	37 05 17.30	76 16 16.44
CB8	D	37 05 01.24	76 09 55.97
CB8	E	37 01 02.19	75 59 17.28
CB8	F	36 55 37.02	76 00 12.97

CHESAPEAKE BAY SEGMENTATION SCHEME LATITUDE/LONGITUDE COORDINATES
(WESTERN SHORE TRIBUTARIES)

SEGMENT	SEGMENT POINT	LATITUDE	LONGITUDE
WT1	A	39 20 20.88	76 15 26.56
WT1	B	39 21 05.21	76 14 00.57
WT2	A	39 18 54.75	76 19 44.86
WT2	B	39 18 14.33	76 17 51.06
WT3	A	39 17 10.85	76 23 00.42
WT3	B	39 18 29.12	76 20 39.35
WT4	A	39 13 52.65	76 24 29.81
WT4	B	39 14 51.30	76 24 35.68
WT5	A	39 07 54.41	76 26 06.99
WT5	B	39 11 41.04	76 26 39.56
WT6	A	39 02 20.98	76 24 51.20
WT6	B	39 04 26.61	76 25 21.75
WT7	A	38 56 45.91	76 27 22.48
WT7	B	38 58 30.12	76 27 10.06
WT8	A	38 51 00.43	76 29 30.60
WT8	B	38 54 27.67	76 28 2.20
TF1	A	38 32 32.33	76 40 42.48
TF1	B	38 32 27.24	76 40 11.01
RET1	A	38 28 01.09	76 39 36.39
RET1	B	38 28 07.49	76 38 45.99
RET1	C	38 32 27.24	76 40 11.01
RET1	D	38 32 32.33	76 40 42.48
LE1	A	38 18 16.86	76 25 15.17
LE1	B	38 19 09.10	76 25 17.18
LE1	C	38 28 01.09	76 39 36.39
LE1	D	38 28 07.49	76 38 45.99
TF2	A	38 31 23.63	77 17 06.58
TF2	B	38 31 20.52	77 15 29.02
RET2	A	38 19 56.24	77 01 05.72
RET2	B	38 20 43.20	76 58 42.71
RET2	C	38 31 20.52	77 15 29.02
RET2	D	38 31 23.63	77 17 06.58
LE2	A	38 02 16.81	76 19 19.09
LE2	B	37 54 37.18	76 15 52.93
LE2	C	38 19 56.24	77 01 05.72
LE2	D	38 20 43.40	76 58 42.71

CHESAPEAKE BAY SEGMENTATION SCHEME LATITUDE/LONGITUDE COORDINATES
(WESTERN SHORE TRIBUTARIES - CONTINUED)

SEGMENT	SEGMENT POINT	LATITUDE	LONGITUDE
TF3	A	37 58 41.63	76 55 30.68
TF3	B	37 59 17.43	76 53 47.35
RET3	A	37 45 32.39	76 40 50.45
RET3	B	37 47 16.14	76 37 51.15
RET3	C	37 59 17.43	76 53 47.35
RET3	D	37 58 41.63	76 55 30.68
LE3	A	37 36 49.64	76 17 03.98
LE3	B	37 30 56.34	76 17 34.66
LE3	C	37 45 32.39	76 40 50.45
LE3	D	37 47 16.14	76 37 51.15
TF4	A	37 32 56.16	76 49 07.73
TF4	B	37 33 04.40	76 48 58.67
TF4	C	37 34 06.50	76 47 59.25
TF4	D	37 34 24.57	76 47 37.79
RET4	A	37 24 47.62	76 42 34.17
RET4	B	37 25 05.56	76 41 22.28
RET4	C	37 34 24.57	76 47 37.79
RET4	D	37 34 06.50	76 47 59.25
RET4	E	37 33 04.40	76 48 58.67
RET4	F	37 32 56.16	76 49 07.73
LE4	A	37 13 19.99	76 25 48.28
LE4	B	37 15 18.44	76 26 18.61
LE4	C	37 25 05.56	76 41 22.28
LE4	D	37 24 47.62	76 42 34.17
WE4	A	37 06 24.07	76 17 01.52
WE4	B	37 13 19.99	76 25 48.28
WE4	C	37 15 18.44	76 26 18.61
WE4	D	37 18 31.75	76 16 33.09
TF5	A	37 13 43.38	76 56 50.10
TF5	B	37 14 25.26	76 56 47.58
RET5	A	37 08 45.10	76 43 49.49
RET5	B	37 12 46.64	76 43 35.86
RET5	C	37 14 25.26	76 56 47.85
RET5	D	37 13 43.38	76 56 50.10
LE5	A	36 59 32.05	76 17 47.14
LE5	B	37 00 00.46	76 18 39.57
LE5	C	37 12 46.64	76 43 35.86
LE5	D	37 08 45.10	76 43 49.49

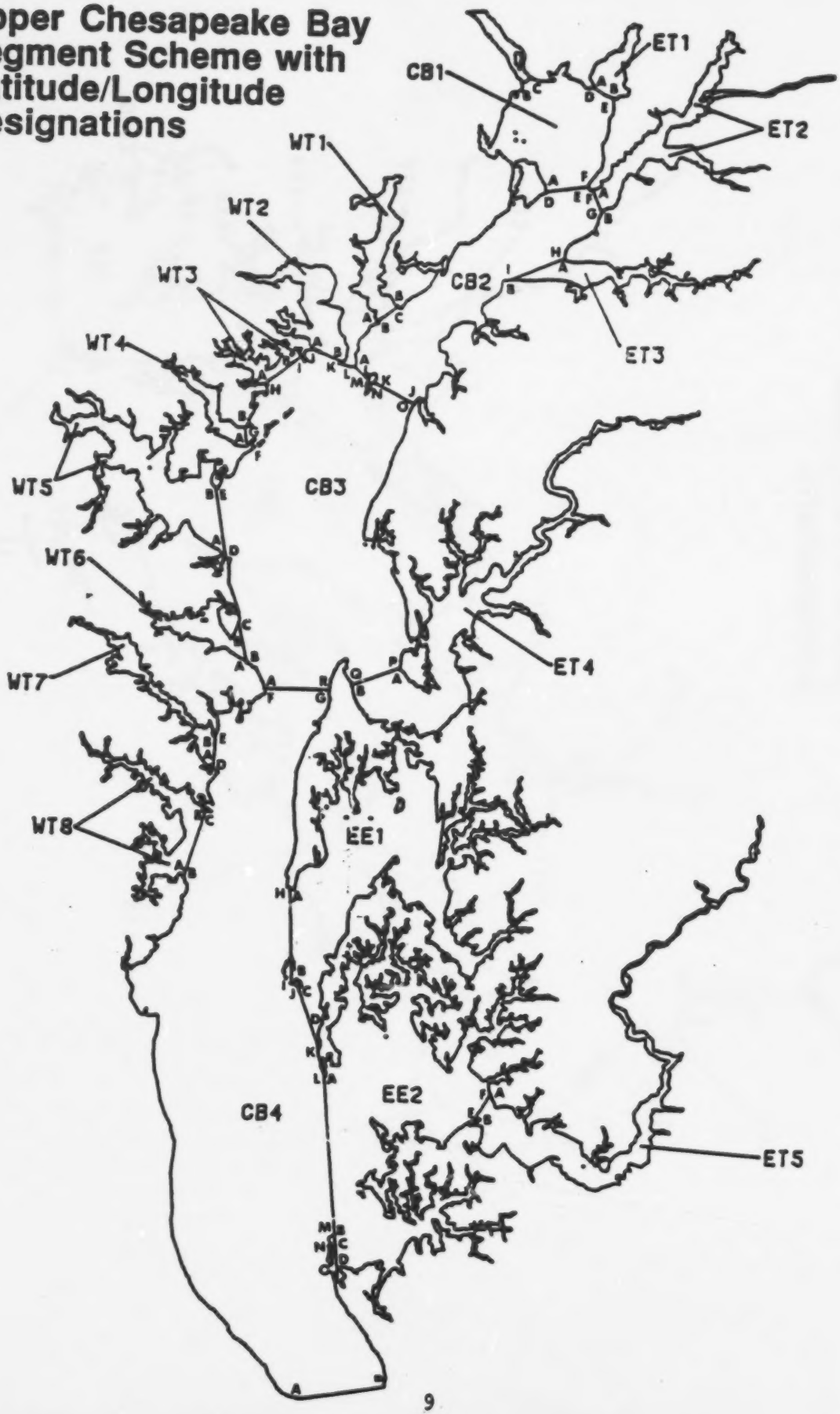
CHESAPEAKE BAY SEGMENTATION SCHEME LATITUDE/LONGITUDE COORDINATES
(EASTERN SHORE TRIBUTARIES/EMBAYMENTS)

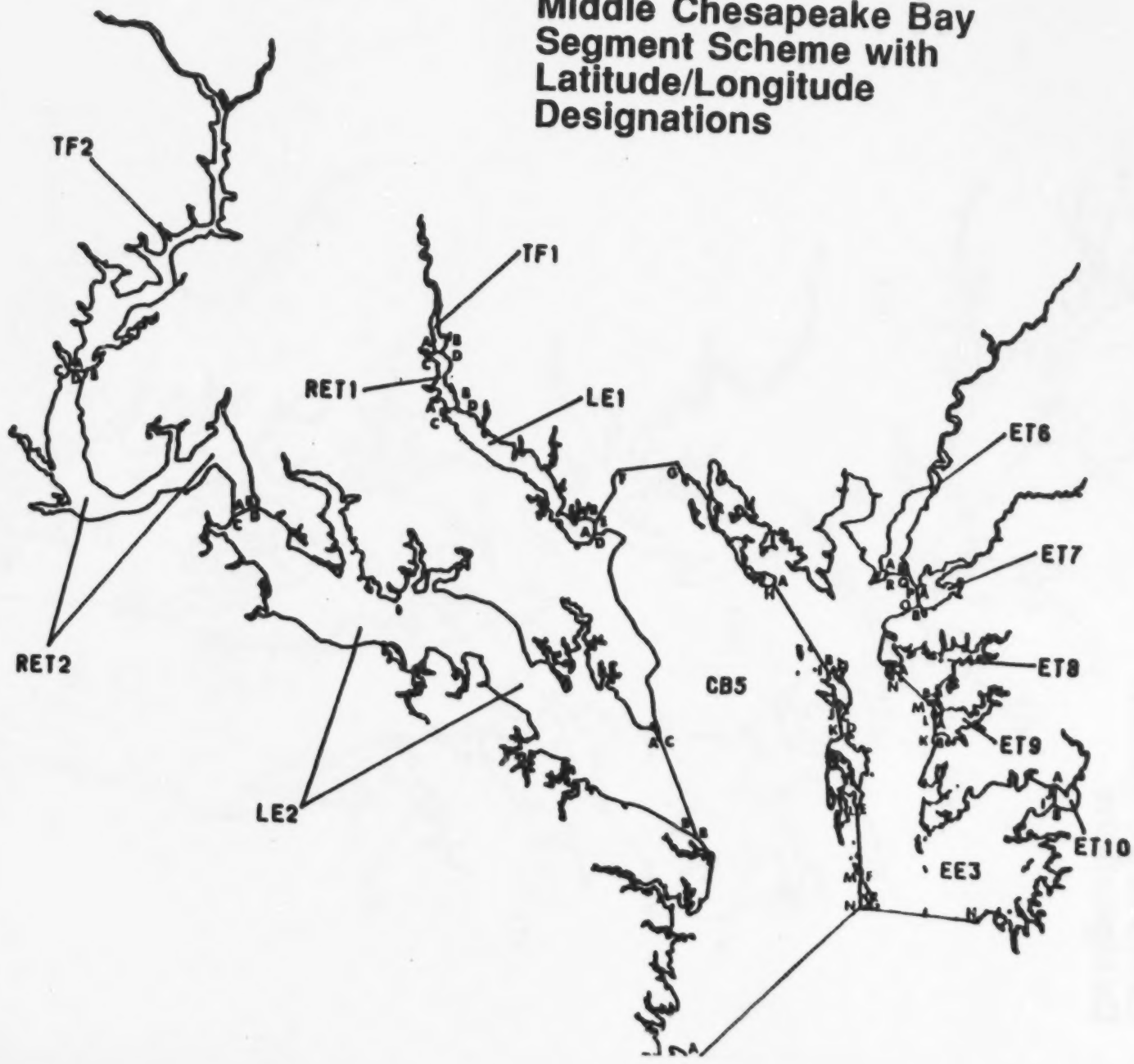
SEGMENT	SEGMENT POINT	LATITUDE	LONGITUDE
ET1	A	39 32 27.40	76 00 13.68
ET1	B	39 31 49.01	75 58 52.27
ET2	A	39 26 57.20	76 00 29.77
ET2	B	39 25 46.18	75 59 54.29
ET3	A	39 23 19.98	76 02 33.56
ET3	B	39 22 21.04	76 06 06.54
ET4	A	39 01 47.66	76 14 32.02
ET4	B	39 00 58.05	76 17 51.21
EE1	A	38 50 14.70	76 22 21.84
EE1	B	38 45 12.21	76 22 26.42
EE1	C	38 45 01.27	76 22 03.89
EE1	D	38 41 37.86	76 20 46.36
EE2	A	38 40 18.51	76 20 28.06
EE2	B	38 31 42.13	76 20 02.91
EE2	C	38 31 04.40	76 20 01.38
EE2	D	38 29 14.85	76 19 56.57
EE2	E	38 37 42.94	76 10 16.49
EE2	F	39 01 47.66	76 14 32.02
ET5	A	39 01 47.66	76 14 32.02
ET5	B	38 37 42.94	76 10 16.49
EE3	A	38 13 58.84	76 07 42.51
EE3	B	38 07 09.53	76 02 24.16
EE3	C	38 05 00.97	76 01 47.64
EE3	D	38 02 19.21	76 01 19.31
EE3	E	37 56 44.03	76 00 02.02
EE3	F	37 51 07.01	75 59 45.66
EE3	G	37 48 59.82	75 59 33.30
EE3	H	37 47 40.37	75 48 52.07
EE3	I	37 56 32.32	75 40 37.52
EE3	J	37 58 01.17	75 40 31.09
EE3	K	38 02 08.17	75 52 09.12
EE3	L	38 03 33.50	75 52 11.06
EE3	M	38 04 41.28	75 52 39.96
EE3	N	38 07 12.71	75 56 09.15
EE3	O	38 12 11.24	75 53 29.68
EE3	P	38 13 41.57	75 53 33.74
EE3	Q	38 14 34.32	75 54 25.44
EE3	R	38 14 39.75	75 56 30.60

CHESAPEAKE BAY SEGMENTATION SCHEME LATITUDE/LONGITUDE COORDINATES
(EASTERN SHORE TRIBUTARIES/EMBAYMENTS - CONTINUED)

SEGMENT	SEGMENT POINT	LATITUDE	LONGITUDE
ET6	A	38 14 39.75	75 56 30.60
ET6	B	38 14 34.32	75 54 25.44
ET7	A	38 13 41.57	75 53 33.74
ET7	B	38 12 11.24	75 53 29.68
ET8	A	38 07 12.71	75 56 09.15
ET8	B	38 04 41.28	75 52 39.96
ET9	A	38 03 33.50	75 52 11.06
ET9	B	38 02 08.17	75 52 09.12
ET10	A	37 58 01.17	75 40 31.09
ET10	B	37 56 32.32	75 40 37.52

Upper Chesapeake Bay Segment Scheme with Latitude/Longitude Designations




Middle Chesapeake Bay
Segment Scheme with
Latitude/Longitude
Designations
TF2
TF1
RET1
LE1
ET6
ET7
ET8
ET9
ET10
RET2
CB5
LE2
EE3

Lower Chesapeake Bay Segment Scheme with Latitude/Longitude Designations